Electronic Acknowledgement Receipt				
EFS ID:	2169868			
Application Number:	10618494			
International Application Number:				
Confirmation Number:	5406			
Title of Invention:	Virtual content repository application program interface			
First Named Inventor/Applicant Name:	James Owen			
Customer Number:	23910			
Filer:	Guanyao Cheng/Nancy V McElrath			
Filer Authorized By:	Guanyao Cheng			
Attorney Docket Number:	BEAS-01370US0			
Receipt Date:	10-SEP-2007			
Filing Date:	11-JUL-2003			
Time Stamp:	18:51:35			
Application Type:	Utility under 35 USC 111(a)			

# Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$300
RAM confirmation Number	3052
Deposit Account	061325

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1		1370US0_RNNC_071207.pd	164502	yes	14
		l l	64399f53e19492a52436483ab4885280 a6797050		
	Multipa	rt Description/PDF files in	.zip description		
	Document De	Start	End		
	Amendment - After Non-Final Rejection		1	1	
	Claims		2	13	
	Applicant Arguments/Remarks Made in an Amendment		14	14	
Warnings:					
Information:					
2	2 Extension of Time	1370US0_Pet_for_Ext.pdf	209599	no	1
	Excellent of Time		59a3c19358184371b27c03e44157998 a36d20d0e	110	
Warnings:					
Information:				1	
3	Information Disclosure Statement	1370US0_IDS_Trans_907.p df	136572	- no	3
	Letter		63bf29804041bab3f461daeefda6e98da 96b606b		
Warnings:					
Information:					
4	Information Disclosure Statement (IDS) Filed	1370US0_IDS_907_1.pdf	1086900	no	8
	(IDO) I lieu		9920c776369089d242677b1b01d4582 da16ff9a5		
Warnings:					
Information:					
5	Information Disclosure Statement	1370US0_IDS_907_2.pdf	770189	- no	5
	(IDS) Filed		991d8eccfff450bd0a1d588d47e6e7391 a49d290		
Warnings:					
Information:					
6	NPL Documents	Lee_et_al_KeepingVirtualInf ormation.pdf	903552	- no	14
			9507ad50a026e5dd09ecbf75c6193f09 d7fb63d6		
Warnings:					
Information:		T			
7	7 NPL Documents	Rossi_DesigningPersonalize dWebApplns.pdf	918958	- no	10
			ee06bc110ee5b05d1d2314aa49427b35 89919b98		
Warnings:					

Information:					
8 NPL Documents	Hunter_Jason_JavaServletP rogramming.pdf	1450458	no	19	
		a246f72076b1e51c70ad76062a2473ce c6018195			
Warnings:					
Information:					
9 Fee Worksheet (PTO-06)	fee-info.pdf	8314	no	2	
3 Tee Worksheet (110-00)	ice illio.pai	ef14bea706fff34116afb8bf90bf79df7fa4 53b5			
Warnings:					
Information:					
		Total Files Size (in bytes):	<b>es):</b> 5649044		

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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.